

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	986	222/94.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 11:52
L2	973	222/145.5-145.6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:00
L3	1136	222/212.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:09
L4	860	222/494.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:15
L5	1931	222/505-506.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:18
L6	3087	222/516-518.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:25
L7	243	222/491.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:27
L8	112	222/495.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:27
L9	1327	222/548-549.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:29

## EAST Search History

L10	395	222/519.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:30
L11	416	222/544.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:39
L12	1394	239/414-416.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:51
L13	1161	239/302-304.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:55
L14	208	239/402.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:55
L15	575796	mixing and pressure cap and helix and wall and pressue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:56
L16	576114	mixing and pressure cap and helix and wall and pressure and cartridge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:57
L17	228	mixing and pressure and cap and helix and wall and cartridge and chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 12:57
S1	885	222/145.5-145.6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:34
S2	33	S1 and helix	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 13:35

## EAST Search History

S3	934	222/94.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 13:35
S4	7	S3 and helix	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 13:36
S5	16735	rotat\$4 near cap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 13:37
S6	20	S5 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 13:37
S7	477	222/145.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 07:43
S8	60	("1136502"   "2816518"   "3143255"   "3323682"   "3498642"   "3788753"   "3884388"   "4014463"   "4117551"   "4129236"   "4211439"   "4240566"   "4432469"   "4449737"   "4471888"   "4538920"   "4566610"   "4687663"   "4690306"   "4747517"   "4753536"   "4767026"   "4771919"   "4846373"   "4869400"   "4871090"   "4913553"   "4946079"   "4974756"   "4978336"   "4981241"   "4989758"   "4995540"   "5020694"   "5022563"   "5033650"   "5038963"   "5065906"   "5080262"   "5137182"   "5228599"   "5249709"   "5249862"   "5289949"   "5301842"   "5333760"   "5386928"   "5413253"   "5443183"   "5566860"   "5609271"   "5697524"   "5810254"   "5918772"   "6161730").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 08:58
S9	25	("4846373").URPN.	USPAT	OR	OFF	2006/03/16 09:16
S10	5	("4771919"   "4846373"   "5249709"   "5487606"   "5498078").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 09:51

## EAST Search History

S11	30	("1544232"   "1601818"   "2218092"   "3166221"   "3195784"   "3197071"   "3200995"   "3206074"   "3248025"   "3467282"   "3508682"   "3741441"   "3834596"   "3850346"   "4040420"   "4046288"   "4261481"   "4261487"   "4432469").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 09:56
S12	51	("4771919").URPN.	USPAT	OR	OFF	2006/03/16 09:57
S13	11	("4771919"   "5080262"   "5137182"   "5228599"   "5443183"   "5918772"   "5944226"   "6065645"   "6135631"   "6186363"   "Re36235").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 09:58
S14	9893	222/504-518.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:54
S15	908	222/145.5-145.6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:59
S16	46	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:20
S17	236	222/516.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:29
S18	908	222/145.5-145.6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:53
S19	14	S18 and (rotary near valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:38
S20	21	S18 and 222/212-215.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:38

## EAST Search History

S21	954	222/94.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:53
S22	9893	222/504-518.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:54
S23	8	S21 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:54
S24	2991	movable near cap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 07:37
S25	4	S24 and mixing and helix and pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 07:48
S26	121	S24 and mixing and pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 07:38
S27	16	S24 and helix and pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 07:48
S28	954	222/94.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 08:09
S29	954	222/94.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 07:49
S30	11	("2589743"   "3241727"   "3913809"   "4099651"   "4905819"   "4949877"   "4984715"   "6321947"   "6398077"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/14 07:51

## EAST Search History

S31	236	222/491.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 08:19
S32	111	222/495.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 08:24
S33	364	222/506.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 08:31
S34	3063	222/516-518.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 09:31
S35	1377	239/414-416.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 08:52
S36	1048	239/302-304.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 09:20
S37	205	239/402.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 09:20
S38	1006	222/523-525.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 09:31
S39	30	("1544232"   "1601818"   "2218092"   "3166221"   "3195784"   "3197071"   "3200995"   "3206074"   "3248025"   "3467282"   "3508682"   "3741441"   "3834596"   "3850346"   "4040420"   "4046288"   "4261481"   "4261487"   "4432469").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 12:13

## EAST Search History

S40	17	("4767026"   "4979942"   "4981241"   "5038963"   "5116315"   "5137182"   "5290259"   "5301842"   "5328462"   "5370273"   "5609271"   "5643206"   "5665066"   "5697903"   "5918772"   "5975367"   "RE36235").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 12:31
S41	12	("5443183").URPN.	USPAT	OR	OFF	2006/11/14 12:46
S42	918	222/145.5-145.6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:59
S43	34	S42 and helix	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/14 13:00
S44	32	("20010005338"   "20030137898"   "20040085854"   "3051455"   "3302832"   "3390814"   "3570719"   "3587982"   "3767085"   "4107793"   "4432469"   "4471888"   "4767025"   "4934827"   "4951843"   "5249862"   "5487606"   "5503657"   "6135631"   "6244740"   "6311871"   "6352177"   "6394643"   "6443612"   "6457609"   "6523992"   "6530685"   "6540395").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 13:01

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	1	("6352177").PN.	USPAT	OR	OFF	2007/12/20 17:47
L14	837	.222/327.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/20 18:02